

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	391532	((optical compact) near2 (disk\$2 disc\$2 medium)) CD CDROM "CD-ROM"	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L2	811624	reflect\$5	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L3	1802143	depth thickness focus\$4	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L4	715826	clamp diode limiter (hold\$3 near3 (peak bottom))	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L5	7796	L1 same (L3 near20 L2)	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L6	3120	L5 and L4	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L7	2371498	compar\$5 opamp (differential adj amp)	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L8	518465	(surface top) near3 (layer L1)	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L9	33291	record\$3 near2 layer	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L10	3	L1 same L3 same L4 same L7 same L8 same L9	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L11	90	L1 and L3 and L4 and L7 same L8 same L9	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L12	29	L1 same L3 same L4 same L8 same L9	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L13	402071	((optical compact) near2 (disk\$2 disc\$2 medium)) DvD CD CDROM DvDROM "CD-ROM" "DvD-ROM" (digital near2 (versatile video) near2 (disk disc))	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L14	3	L13 same L3 same L4 same L7 same L8 same L9	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L15	90	L13 and L3 and L4 and L7 same L8 same L9	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L16	29	L13 same L3 same L4 same L8 same L9	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L17	587	(369/53.2).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/07/11 15:04
L18	483	(369/53.22).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/07/11 15:04
L19	220	(369/53.23).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/07/11 15:04

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L20	712670	clamp diode limiter (hold\$3 near3 bottom)	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L21	2371498	compar\$5 opamp (differential adj amp)	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L22	402071	((optical compact) near2 (disk\$2 disc\$2 medium)) DvD CD CDROM DvDROM "CD-ROM" "DvD-ROM" (digital near2 (versatile video) near2 (disk disc))	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L23	86	L20 same L21 same L22 same (noise offset wander)	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L24	28	L23 and clamp	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L25	848262	clamp diode limiter regulator (hold\$3 near3 bottom)	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L26	89	L25 same L21 same L22 same (noise offset wander)	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L27	28	L26 and clamp	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L28	89	L25 same L21 same L22 same (noise offset wander)	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L29	1	("6147941").PN.	US-PGPUB; USPAT	OR	OFF	2006/07/11 15:04
L30	391532	((optical compact) near2 (disk\$2 disc\$2 medium)) CD CDROM "CD-ROM"	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L31	811624	reflect\$5	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L32	1802143	depth thickness focus\$4	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L33	715826	clamp diode limiter (hold\$3 near3 (peak bottom))	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L34	7796	L30 same (L32 near20 L31)	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L35	3120	L34 and L33	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L36	2371498	compar\$5 opamp (differential adj amp)	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L37	518465	(surface top) near3 (layer L30)	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L38	33291	record\$3 near2 layer	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04

EAST Search History

L39	402071	((optical compact) near2 (disk\$2 disc\$2 medium)) DvD CD CDROM DvDROM "CD-ROM" "DvD-ROM" (digital near2 (versatile video) near2 (disk disc))	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L40	3	L39 same L32 same L33 same L36 same L37 same L38	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L41	90	L39 and L32 and L33 and L36 same L37 same L38	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L42	29	L39 same L32 same L33 same L37 same L38	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L43	587	(369/53.2).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/07/11 15:04
L44	483	(369/53.22).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/07/11 15:04
L45	712670	clamp diode limiter (hold\$3 near3 bottom)	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L46	2371498	compar\$5 opamp (differential adj amp)	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L47	402071	((optical compact) near2 (disk\$2 disc\$2 medium)) DvD CD CDROM DvDROM "CD-ROM" "DvD-ROM" (digital near2 (versatile video) near2 (disk disc))	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L48	848262	clamp diode limiter regulator (hold\$3 near3 bottom)	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L49	89	L48 same L46 same L47 same (noise offset wander)	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L50	3	L30 same L32 same L33 same L36 same L37 same L38	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L51	90	L30 and L32 and L33 and L36 same L37 same L38	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L52	29	L30 same L32 same L33 same L37 same L38	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L53	86	L45 same L46 same L47 same (noise offset wander)	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L54	28	L53 and clamp	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L55	28	L49 and clamp	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L56	89	L48 same L46 same L47 same (noise offset wander)	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L57	220	(369/53.23).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/07/11 15:04

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L58	402071	((optical compact) near2 (disk\$2 disc\$2 medium)) CD DvD CDROM DvDROM "CD-ROM" "DvD-ROM" (digital near2 (versatile video) near2 (disk disc))	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L59	2675457	distance length	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L60	1849679	laser light beam	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L61	242200	(record\$3 writ\$4 burn\$3) near5 (layer disc disk surface)	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L62	4677	L58 same L59 same L60 same L61	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L63	695	L58 same L59 near5 L60 near10 L61	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L64	18867	clamp\$4 near5 circuit	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L65	2	L62 same L64	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L66	1	L63 same L64	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L67	3160	yamauchi.in.	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L68	4083	murata.in.	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L69	28	L67 and L68	US-PGPUB; USPAT	OR	ON	2006/07/11 15:04
L70	2	("4572965").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/11 15:04
L71	982	yamanoi.in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/11 15:29
L72	25180	yamauchi.in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/11 15:29
L73	11	71 and 72	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/11 15:30
L75	351	comparator and (focus focal) and (surface layer) and clamp and (discriminate determine) and (disc disk)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/11 15:32

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L82	65	comparator and (focus focal) and (surface layer) and clamp and discriminat\$4 and (disc disk) and reflect\$4 and (distance depth) and level and voltage	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/11 15:36
S1	301576	((optical compact) near2 (disk\$2 disc\$2 medium)) CD CDROM "CD-ROM"	US-PGPUB; USPAT	OR	ON	2005/04/05 09:40
S2	683210	reflect\$5	US-PGPUB; USPAT	OR	ON	2005/04/05 09:40
S3	1567778	depth thickness focus\$4	US-PGPUB; USPAT	OR	ON	2005/04/05 09:40
S4	632313	clamp diode limiter (hold\$3 near3 (peak bottom))	US-PGPUB; USPAT	OR	ON	2005/04/07 12:59
S5	6447	S1 same (S3 near20 S2)	US-PGPUB; USPAT	OR	ON	2005/04/05 09:41
S6	2591	S5 and S4	US-PGPUB; USPAT	OR	ON	2005/04/05 09:42
S7	2049136	compar\$5 opamp (differential adj amp)	US-PGPUB; USPAT	OR	ON	2005/04/05 09:43
S8	441939	(surface top) near3 (layer S1)	US-PGPUB; USPAT	OR	ON	2005/04/05 09:44
S9	28319	record\$3 near2 layer	US-PGPUB; USPAT	OR	ON	2005/04/05 09:44
S10	2	S1 same S3 same S4 same S7 same S8 same S9	US-PGPUB; USPAT	OR	ON	2005/04/05 09:49
S11	76	S1 and S3 and S4 and S7 same S8 same S9	US-PGPUB; USPAT	OR	ON	2005/04/05 09:49
S12	20	S1 same S3 same S4 same S8 same S9	US-PGPUB; USPAT	OR	ON	2005/04/05 09:49
S13	308354	((optical compact) near2 (disk\$2 disc\$2 medium)) DvD CD CDROM DvDROM "CD-ROM" "DvD-ROM" (digital near2 (versatile video) near2 (disk disc))	US-PGPUB; USPAT	OR	ON	2005/04/05 09:48
S14	2	S13 same S3 same S4 same S7 same S8 same S9	US-PGPUB; USPAT	OR	ON	2005/04/05 09:49
S15	76	S13 and S3 and S4 and S7 same S8 same S9	US-PGPUB; USPAT	OR	ON	2005/04/05 09:49
S16	20	S13 same S3 same S4 same S8 same S9	US-PGPUB; USPAT	OR	ON	2005/04/05 09:55
S17	369	(369/53.2).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/04/05 09:55
S18	431	(369/53.22).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/04/05 09:55

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S19	167	(369/53.23).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/04/05 09:55
S20	629361	clamp diode limiter (hold\$3 near3 bottom)	US-PGPUB; USPAT	OR	ON	2005/04/07 13:35
S21	2048819	compar\$5 opamp (differential adj amp)	US-PGPUB; USPAT	OR	ON	2005/04/07 13:00
S22	308167	((optical compact) near2 (disk\$2 disc\$2 medium)) DvD CD CDROM DvDROM "CD-ROM" "DvD-ROM" (digital near2 (versatile video) near2 (disk disc))	US-PGPUB; USPAT	OR	ON	2005/04/07 13:00
S23	71	S20 same S21 same S22 same (noise offset wander)	US-PGPUB; USPAT	OR	ON	2005/04/07 13:35
S24	23	S23 and clamp	US-PGPUB; USPAT	OR	ON	2005/04/07 13:33
S25	747586	clamp diode limiter regulator (hold\$3 near3 bottom)	US-PGPUB; USPAT	OR	ON	2005/04/07 13:35
S26	74	S25 same S21 same S22 same (noise offset wander)	US-PGPUB; USPAT	OR	ON	2005/04/07 13:41
S27	23	S26 and clamp	US-PGPUB; USPAT	OR	ON	2005/04/07 13:36
S28	1	("6147941").PN.	US-PGPUB; USPAT	OR	OFF	2005/04/07 14:01
S29	330685	((optical compact) near2 (disk\$2 disc\$2 medium)) CD CDROM "CD-ROM"	US-PGPUB; USPAT	OR	ON	2005/09/13 13:31
S30	725661	reflect\$5	US-PGPUB; USPAT	OR	ON	2005/09/13 13:31
S31	1647164	depth thickness focus\$4	US-PGPUB; USPAT	OR	ON	2005/09/13 13:31
S32	660431	clamp diode limiter (hold\$3 near3 (peak bottom))	US-PGPUB; USPAT	OR	ON	2005/09/13 13:31
S33	6918	S29 same (S31 near20 S30)	US-PGPUB; USPAT	OR	ON	2005/09/13 13:31
S34	2764	S33 and S32	US-PGPUB; USPAT	OR	ON	2005/09/13 13:31
S35	2157252	compar\$5 opamp (differential adj amp)	US-PGPUB; USPAT	OR	ON	2005/09/13 13:31
S36	468664	(surface top) near3 (layer S29)	US-PGPUB; USPAT	OR	ON	2005/09/13 13:31
S37	30048	record\$3 near2 layer	US-PGPUB; USPAT	OR	ON	2005/09/13 13:31
S38	2	S29 same S31 same S32 same S35 same S36 same S37	US-PGPUB; USPAT	OR	ON	2005/09/13 13:31

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S39	79	S29 and S31 and S32 and S35 same S36 same S37	US-PGPUB; USPAT	OR	ON	2005/09/13 13:31
S40	21	S29 same S31 same S32 same S36 same S37	US-PGPUB; USPAT	OR	ON	2005/09/13 13:31
S41	338581	((optical compact) near2 (disk\$2 disc\$2 medium)) DvD CD CDROM DvDROM "CD-ROM" "DvD-ROM" (digital near2 (versatile video) near2 (disk disc))	US-PGPUB; USPAT	OR	ON	2005/09/13 13:31
S42	2	S41 same S31 same S32 same S35 same S36 same S37	US-PGPUB; USPAT	OR	ON	2005/09/13 13:31
S43	79	S41 and S31 and S32 and S35 same S36 same S37	US-PGPUB; USPAT	OR	ON	2005/09/13 13:31
S44	21	S41 same S31 same S32 same S36 same S37	US-PGPUB; USPAT	OR	ON	2005/09/13 13:31
S45	441	(369/53.2).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/09/13 13:31
S46	440	(369/53.22).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/09/13 13:31
S47	177	(369/53.23).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/09/13 13:31
S48	657510	clamp diode limiter (hold\$3 near3 bottom)	US-PGPUB; USPAT	OR	ON	2005/09/13 13:31
S49	2157252	compar\$5 opamp (differential adj amp)	US-PGPUB; USPAT	OR	ON	2005/09/13 13:31
S50	338581	((optical compact) near2 (disk\$2 disc\$2 medium)) DvD CD CDROM DvDROM "CD-ROM" "DvD-ROM" (digital near2 (versatile video) near2 (disk disc))	US-PGPUB; USPAT	OR	ON	2005/09/13 13:31
S51	74	S48 same S49 same S50 same (noise offset wander)	US-PGPUB; USPAT	OR	ON	2005/09/13 13:31
S52	23	S51 and clamp	US-PGPUB; USPAT	OR	ON	2005/09/13 13:31
S53	781588	clamp diode limiter regulator (hold\$3 near3 bottom)	US-PGPUB; USPAT	OR	ON	2005/09/13 13:31
S54	77	S53 same S49 same S50 same (noise offset wander)	US-PGPUB; USPAT	OR	ON	2005/09/13 13:31
S55	23	S54 and clamp	US-PGPUB; USPAT	OR	ON	2005/09/13 13:31
S56	77	S53 same S49 same S50 same (noise offset wander)	US-PGPUB; USPAT	OR	ON	2005/09/13 13:31

EAST Search History

S57	338581	((optical compact) near2 (disk\$2 disc\$2 medium)) CD DvD CDROM DvDROM "CD-ROM" "DvD-ROM" (digital near2 (versatile video) near2 (disk disc))	US-PGPUB; USPAT	OR	ON	2005/09/13 13:37
S58	2463129	distance length	US-PGPUB; USPAT	OR	ON	2005/09/13 13:38
S59	1683901	laser light beam	US-PGPUB; USPAT	OR	ON	2005/09/13 13:38
S60	214434	(record\$3 writ\$4 burn\$3) near5 (layer disc disk surface)	US-PGPUB; USPAT	OR	ON	2005/09/13 13:40
S61	4056	S57 same S58 same S59 same S60	US-PGPUB; USPAT	OR	ON	2005/09/13 13:41
S62	583	S57 same S58 near5 S59 near10 S60	US-PGPUB; USPAT	OR	ON	2005/09/13 13:42
S63	17646	clamp\$4 near5 circuit	US-PGPUB; USPAT	OR	ON	2005/09/13 13:42
S64	2	S61 same S63	US-PGPUB; USPAT	OR	ON	2005/09/13 13:43
S65	1	S62 same S63	US-PGPUB; USPAT	OR	ON	2005/09/13 13:43
S66	2899	yamauchi.in.	US-PGPUB; USPAT	OR	ON	2005/09/13 13:44
S67	3763	murata.in.	US-PGPUB; USPAT	OR	ON	2005/09/13 13:44
S68	26	S66 and S67	US-PGPUB; USPAT	OR	ON	2005/09/13 13:44
S69	2	("4572965").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/24 12:56